World's smallest Blu-ray Disc™ notebook

MOBILE PC PERFORMANCE

Enjoy the performance of an Intel® Core™ 2 Duo SU9400 processor (1.40GHz[1]) with Intel® Centrino® 2 technology and 4GB[7] of pre-installed system memory.

The VAIO® TT series notebook comes pre-installed with Genuine Microsoft® Windows Vista® Ultimate 32-bit.

For even faster read / write times and greater durability, enjoy a power-efficient 256GB[2] solid state drive (128GB[2] x 2) with RAID 0 technology.

ENDLESS FEATURES

Enjoy an 11.1"[8] LED backlit, widescreen display with XBRITE-DuraView™ LCD technology for a brighter, crisper, tougher display that helps resist scratches.

A Blu-ray Disc™ optical drive lets you playback[5] HD Blu-ray Disc movies in crystal-clear resolution and store[6] 25-50GB[2] of data to a single recordable Blu-ray Disc media.

An HDMI™ output delivers digital video and audio to external sources via a single cable letting you enjoy HD entertainment on your compatible HDTV (cable sold separately)[18].

A built-in microphone and MOTION EYE® camera with face-tracking technology allows for easy communication with friends and family[20].

A built-in biometric fingerprint scanner makes authentication and secure access quick and easy – you only need your fingerprint.

WIRELESS FREEDOM

Offering a massive boost in wireless connection speed and range, work and play quicker virtually anywhere within your office or café hotspot using next-generation 802.11n integrated wireless LAN technology[4].

Go beyond LAN networks and café hotspots and find the internet virtually anywhere with integrated Wireless Wide Area Network (WWAN) technology[19] through Sprint® Mobile Broadband service.

Integrated Stereo A2DP Bluetooth® technology allows you to wirelessly connect to useful peripherals and stream CD-quality audio to compatible devices[17].

The ultraportable VAIO® TT notebook establishes a new grade in mobility with its thin-and-light design available in an array of stylish colors. What's more, this PC with a stunning 11.1"[8] LCD offers industry-leading mobile performance, balancing the power of Intel ® Centrino® 2 processor technology and Blu-ray Disc™ optical dirve with a host of energy-conserving features that deliver maximum battery life.

VGN-TT198U/B

VAIO® TT Series Notebook

Specifications

General

Computer Type: Notebook
Type of Use: Ultra Portable
Action Buttons: Mute, Volume - / +, S1, Eject, WLAN / Bluetooth® on / off
Pointing Device: Electro-static touch pad
Security: Biometric Fingerprint Sensor
Trusted Platform Module (TPM) TCG Ver.1.2 compliant

Hardware

Keyboard: QWERTY, 17.0 mm pitch, 1.7 mm stroke
Camera: Built-in MOTION EYE® camera and microphone

Processor

Type: Intel® Core™ 2 Duo Processor SU9400
Speed: 1.40 GHz[1]
Front Side Bus Speed: 800MHz
L2 Cache: 3MB
Technology: Intel® Centrino® 2 processor technology

Memory

Type: DDR3
Installed: 4GB[7] PC3-6400 (2GBx2)
Maximum: 4GB[7]
Speed: 800MHz

Optical Drive #1

DVD+R Write: 8x max.
DVD+RW Write: 4x max.
DVD-R Write: 8x max.
DVD-RW Write: 4x max.
CD-R Write: 16x max.
CD-RW Write: 10x max.
CD Read: 24x max.
DVD Read: 8x max.
DVD-RAM Write: 5x max.
BD-R Read: 2x max.
BD-R Write: 2x max.
BD-RE Write: 2x max.
BD-ROM Read: 2x max.
BD-RE Read: 2x max.
BD-R DL Read: 2x max.
BD-R DL Write: 1x max.
DVD-RAM Read: 5x max.
Blu-Ray Disc™ Support: Yes (read[5] / write[6]) (BD-R/-RE/-ROM/ DVD±RW/±R DL/RAM Drive)
BD-RE DL Read: 2x max.
BD-RE DL Write: 1x max.

Expansion Slots

Multimedia Card Reader: One Memory Stick PRO™ (Standard/Duo) media slot with MagicGate® functionality
One ExpressCard® /34 slot
One Secure Digital (SD memory card) media slot

Solid State Drive

Capacity: 256GB[2] (128GB[2] x 2)
Interface: Serial ATA

Audio

Sound System: Intel® High Definition Audio

Display

Screen or Display Technology: WXGA
Screen Size: 11.1"[8]
Resolution: 1366 x 768
XBRITE-DuraView™ Technology: Yes
Back Light Technology: LED

Graphics

Processor: Mobile Intel® Graphics Media Accelerator 4500MHD with Intel® Clear Video Technology
Total Available Graphics Memory: 1300MB (max.)[12]
Chipset: Mobile Intel® GS45 Express Chipset
Interface: HDMI™ and VGA out with Smart Display Sensor

Inputs and Outputs

Microphone Input: 1
Port Replicator Connector(s): 1 (Bottom)
USB Port(s): 2 (2.0 compliant)
VGA Output(s): 1
DC-In: 1
i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[11]
Headphone Output(s): 1
Ethernet Connection (s): 1
HDMI™ Output: 1

Networking/Modem

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T (Gigabit)
Ethernet Speed: Fast Ethernet (RJ-45)
Wireless LAN: Intel® WiFi Link 5100AGN(802.11a/b/g/n)[4]
Wireless WAN: Optional Sprint® Mobile Broadband service[19]
Bluetooth® Technology: Integrated Stereo A2DP Bluetooth® Technology (2.1 + EDR)[17]

Power

Battery Type: Standard Capacity Lithium-ion Battery (VGP-BPS14/B)
Estimated Battery Life: 4.5 to 7.5 hours[3] Standard Capacity Battery
6.5 to 12.0 hours[3] Large Capacity Battery
Power Requirements: 68W + 10%
Input Voltage: 100-240V

Software

Operating System: Genuine Microsoft® Windows Vista® Ultimate 32-bit
Internet Services: AOL® 90-Day Risk Free Trial - For new users only
Anti-Virus and Recovery Software: Microsoft® Windows Live™ OneCare™ Trial Version[16]
Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007[15]
The VAIO® Software Experience: VAIO® Startup Assistant
Click to Disc Editor - Import, Edit, Burn
VAIO® Movie Story - Simple Movie Creation
VAIO® MusicBox - Music by Mood
VAIO® Media plus - Multimedia Streaming Software
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[14].
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO
Limited Warranty Term: 1 year limited warranty with International Repair Service Program[13]. See actual warranty for details.

Environmental Information

RoHS®: Compliant
For more information: www.sony.com/vaioeco

Regulation and Standard Compliance

Energy Star® Compliant: 4.0

Dimensions

Weight: 2.87 lbs.[9]
Measurements: 10.99"(W) x 0.93"(H) x 7.87"(D)[9,10]

Supplied Accessories

Power Cord
AC Adapter (VGP-AC16V13)
Standard Capacity Lithium-ion Battery (VGP-BPS14/B)
Noise Canceling Headphones

Optional Accessories

Large Capacity Battery (VGP-BPL14/B)
Stick AC Adapter (VGP-AC16V10)
Port Replicator (VGP-PRTT1)
Carrying Case (VGP-CKTT1)
Carrying Pouch (VGP-CP11)
Bluetooth® Laser Mouse[17] (VGP-BMS33/B)
Bluetooth® Presentation Controller[17] (VGP-BRMP10)
USB Portable Speaker (VGP-USP1)
100GB[2] Portable Hard Drive with Wireless Keys (VGP-UHDM10/B)
Privacy Filter (VGP-FL13)

Color: Black
UPC Code: 27242751361

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. TB means one trillion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Actual battery life will vary based on product settings, usage patterns, battery and environmental conditions.
4. Requires 802.11n compatible access point. Some functionality may require Internet services.
5. Certain circumstances may limit/prevent Blu-ray Disc™ media playback. For optimal performance, download all updates from http://esupport.sony.com/EN/DRIVERS.
6. Video recording to Blu-ray Disc™ media is done in MPEG2 and AVC formats only.
7. A portion of the system memory over 3GB may not be available to the operating system.
8. Viewable area measured diagonally.
9. Non-metric weights and measures are approximate and may vary.
10. Measured at the narrowest point
11. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
12. Total Available Graphics Memory refers to the new Windows Vista® classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.
13. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.esupport.sony.com, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
14. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
15. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
16. Microsoft® Windows Live™ OneCare™ Trial Version - This trial software will work for ninety (90) days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 90-day trial period, you must buy a subscription. You can subscribe online by following the conversion instructions presented during setup and paying the required fees.
17. Interoperability and compatibility among Bluetooth® devices vary.
18. Requires high definition-capable display with HDMI™ connector. Image quality will vary.
19. Free Month Offer: Limited time offer. Subject to change. You will be charged a regular monthly fee for your selected connection card plan. A one month service credit will be applied to your account within 1-3 bill cycles. Service credit will be for the amount of the monthly rate charge only. See www.sony.com/sprint for complete offer details, price plans, service terms and conditions, and coverage map. Click the Sprint icon on your VAIO notebook's desktop for service activation. Coverage not available everywhere – see coverage map for details. Credit approval and $200 early termination fee applies if not cancelled within the first 30 days. Service defaults to Nationwide Sprint PCS Network, where available, if Sprint Mobile Broadband Network is unavailable. Not available while roaming. Terms & Conditions and additional restrictions apply. May not be combined with other offers.
20. Broadband Internet service required along with third party services which may require a subscription or other service fee.

Computer Interface: For this product,there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice.
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